

CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

- 1 1. A program for caching an entitlement set, the program being stored as
2 a computer readable medium, the entitlement set designating services and products a
3 user is entitled to access in a network, the program comprising: logic for:
 - 4 (a) logic configured to receive a login request from the user;
 - 5 (b) logic configured to determine whether a memory element indicating a
6 triggering event related to the user exists, the memory element having been created
7 after a triggering event;
 - 8 (c) logic configured to read a preexisting entitlement set from a memory
9 element if the dirty buffer does not exist, the preexisting entitlement set indicating a
10 first scope of access to the network; and
 - 11 (f) logic configured to calculate a new entitlement set if the dirty buffer
12 does exist, the new entitlement set indicating a second scope of access to the network;
 - 13 and
 - 14 (g) logic configured to allow the user a third scope of access to the
15 network, the third scope of access being the first scope of access or the second scope
16 of access.
- 1 2. The program of claim 1, wherein the login request includes user
2 identification information and a password.
- 1 3. The program of claim 1, wherein the memory element is a dirty buffer.
- 1 4. The program of claim 3, wherein the dirty buffer identifies the
2 triggering event.
- 1 5. The program of claim 1, wherein the triggering event is the creation of
2 a new linking agreement.
- 1 6. The program of claim 1, wherein the triggering event is the creation of
2 a contract with a customer.

1 7. The program of claim 1, wherein the preexisting entitlement set is read
2 from a persistent memory element.

1 8. The program of claim 1, further comprising logic for:
2 allowing the user access to an information technology resource center, the
3 scope of the access based on the entitlement set.

1 9. The program of claim 1, further comprising logic for:
2 reading a linked agreement associated with the user, wherein information read
3 from the linked agreement is used to calculate the new entitlement set.

1 10. The program of claim 9, further comprising logic for:
2 calculating an entitlement based on the linked agreement, wherein the
3 calculated entitlement is used to calculate the new entitlement set.

1 11. The program of claim 10, further comprising logic for:
2 calculating a user level entitlement, wherein the user level entitlement is used
3 to calculate the new entitlement set.

1 12. A method for caching an entitlement set, the entitlement set
2 designating services and products a user is entitled to access, the method comprising
3 the steps of:

4 (a) receiving a login request from the user;

5 (b) determining whether a memory element indicating a triggering event
6 related to the user exists, the memory element having been created after a triggering
7 event;

8 (e) reading a preexisting entitlement set from a memory element if the
9 memory element does not exist, the preexisting entitlement set indicating a first scope
10 of access to the network; and

11 (f) calculating a new entitlement set if the memory element does exist, the
12 new entitlement set indicating a second scope of access to the network; and

13 (g) allowing the user a third scope of access to the network, the third
14 scope of access being the first scope of access or the second scope of access.

1 13. The method of claim 11, wherein the login request includes user
2 identification information and a password.

1 14. The method of claim 11, wherein the memory element is a dirty buffer.

1 15. The method of claim 14, wherein the dirty buffer identifies the
2 triggering event.

1 16. The method of claim 11, wherein the triggering event is the creation of
2 a new linking agreement.

1 17. The method of claim 11, wherein the triggering event is the creation of
2 a contract with a customer.

1 18. The method of claim 11, wherein the preexisting entitlement set is read
2 from a persistent memory element.

1 19. The method of claim 11, further comprising the step of :
2 allowing the user access to an information technology resource center, the
3 scope of the access based on the entitlement set.

1 20. The of claim 11, further comprising the step of:
2 reading a linked agreement associated with the user, wherein information read
3 from the linked agreement is used to calculate the new entitlement set.

1 21. The method of claim 20, further comprising the step of:
2 calculating an entitlement based on the linked agreement, wherein the
3 calculated entitlement is used to calculate the new entitlement set.

1 22. The method of claim 21, further comprising the step of:
2 calculating a user level entitlement, wherein the user level entitlement is used
3 to calculate the new entitlement set.